CURRENT FISHERIES STATISTICS NO. 7201

Canned Fishery Products, Annual Summary 1976

JAN 1 4 1978

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Source of data:--Since 1921, the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration and its predecessor organizations have made annual surveys for statistics on the domestic production of canned fishery products. The data collected include statistics on the production and value of each canned commodity by can size and trade classification. The value shown for the products constitutes the gross amount received by the producer at the production point; no deductions are made for commissions or expenses. Statistics on the Alaska canned pack were furnished by the Alaska Department of Fish and Game.

December 14, 1977

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noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / NATIONAL MARINE FISHERIES SERVICE

REVIEW

The 1976 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 55.0 million standard cases (1.6 billion pounds) valued at $1.4 billion, an increase of 6.0 million standard cases (12 percent) and $357.7 million (33 percent) over the 1975 pack. Included in the 1976 total were 41.2 million standard cases (907.1 million pounds) for human consumption and 13.8 million standard cases (660.7 million pounds) for bait and animal food. The largest increases were in the packs of canned tuna, up 3.5 million standard cases; natural salmon, up 1.0 million standard cases; and animal food, up 1.6 million standard cases. The packs of shrimp and crab meat were larger, but the packs of mackerel, Maine sardines, tunalike fish, and clams were smaller.

Salmon. The pack of Pacific salmon (excluding smoked salmon and specialties) was 2.7 million standard cases valued at a record $205.3 million. This was an increase of 1.0 million standard cases and $90.2 million or 63 percent in quantity and 78 percent in value over 1975. The Alaska pack had the sharpest increase, from 1.5 million standard cases in 1975 to over 2.5 million in 1976. Exports of fresh and frozen salmon were 6.3 million pounds less than in 1975. Canned salmon exports were 2.9 million pounds less than in 1975.

Sardines. The pack of Maine sardines (sea herring) was 1.1 million standard cases valued at $24.5 million in 1976, 44,322 standard cases and $439,000 less than 1975. Herring specialties packed in 1976 were 138,859 standard cases valued at $6.5 million compared with 83,119 standard cases valued at only $3.3 million in 1975. Imports of canned sardines during 1976 were 53.9 million pounds compared with 31.1 million pounds during 1975. This increase can be attributed to a good harvesting season in both Norway and South Africa. The majority of sardine imports are shipped from these countries.

Tuna. In 1976 the pack of tuna was 30.3 million standard cases (599.2 million pounds) valued at a record $853.5 million, the highest since the record year 1974 when 33.4 million standard cases were packed. The pack was 3.5 million standard cases and $200.8 million more than the pack in 1975. The pack of white meat (albacore), 6.0 million standard cases, comprised 20 percent of the pack. This was 952,104 standard cases more than the 1975 pack. Light-meat tuna (skipjack, yellowfin, bluefin, and bigeye) comprised the remaining 24.3 million standard cases. Plants in the continental United States packed 15.9 million standard cases (53 percent). The remaining 14.4 million standard cases were packed in American Samoa, Puerto Rico, and Hawaii.

Canned tuna packed from landings by U.S. fishermen was a record 289.6 million pounds, 20.5 million pounds more than the previous record pack in 1975. Over 601.9 million pounds (round weight) of fresh and frozen tuna was imported in 1976 compared with 486.8 million pounds in 1975. Landings by the U.S. fishing fleet were a record 659.9 million pounds, 91.6 million pounds more than in 1975. Prices at the exvessel, wholesale, and retail levels continued to increase as fishermen were receiving $100 per ton or more for yellowfin and skipjack than a year ago. In the albacore fishery, the relatively low landings and continued high price of imports caused prices to jump. Japanese-caught Atlantic albacore for delivery to Puerto Rico rose to $1,500 a ton during the year.

Clams. The pack and value of clams and clam products (excluding specialty products) declined in 1976. Only 2.4 million standard cases valued at $39.3 million were packed in 1976, compared with the 3.0 million standard cases valued at $41.8 million in 1975. The pack of whole and minced clams was 517,180 standard cases--386,578 standard cases or 43 percent less than the 903,758 standard cases packed in 1975. The packs of chowder and juice were 1.9 million standard cases, 191,667 standard cases or 9 percent less than the 2.1 million standard cases packed in 1975. These smaller packs of clams and clam products were caused by a 28-percent decline in the 1976 landings of clams. Surf clam landings declined from 86.9 million pounds in 1975 to only 49.1 million pounds in 1976. Clam specialty products were 113,589 standard cases valued at $5.6 million in 1976, a slight increase over the 1975 production of 113,272 standard cases in 1975, and well above the $3.5 million in 1975.

REVIEW

Shrimp. The 1976 natural pack of shrimp was 3.0 million standard cases valued at $48.8 million, up 1.1 million standard cases (61 percent) in quantity and $21.2 million (77 percent) in value over 1975. Of the total pack, 1.7 million standard cases were canned in Louisiana and Mississippi; the rest was canned in Washington, Oregon, and Alaska. Rising costs of operation, and the practice of diverting shrimp into a frozen product kept the pack below the 1973 record year when over 3.7 million standard cases were packed.

Pet food. In 1976, the pack of pet food (10 pounds of fish per standard case of 48 one-pound cans) was 13.8 million standard cases valued at a record $195.8 million, only 125,215 standard cases less than the record pack of 13.9 million standard cases packed in 1972. Tuna trimmings are used in producing a substantial part of the U.S. pack of canned animal (pet) food. In 1976 tuna trimmings comprised 42 percent of the pet food pack.

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SUMMARY OF PRODUCTION, BY PRODUCTS, 1976

Products	Plants	Production			
	Number	Pounds per case	Standard cases	Thousand pounds	Thousand dollars
For human consumption:					
Fish:					
Alewives	3	45	4,315	194	98
Anchovy paste	3	48	3,837	184	192
Gefiltefish	4	48	306,215	14,698	8,234
Herring specialties	13	48	138,859	6,665	6,473
Mackerel, jack	4	45	147,629	6,643	2,085
Roe and caviar	10	48	17,344	833	3,515
Salmon:					
Natural	79	48	2,658,570	127,611	205,318
Smoked	23	48	2,119	102	465
Spreads, in sauces, and smoked paste	5	48	506	24	36
Sardines, Maine	16	23.4	1,067,146	24,971	24,478
Sturgeon, smoked	11	48	972	47	157
Tuna:					
Solid	32	21	6,253,012	131,313	213,363
Chunks	19	19.5	23,300,778	454,365	624,609
Flakes and grated	18	18	750,699	13,513	15,491
Total tuna	(1) 32	--	30,304,489	599,191	853,463
Smoked, spreads, and with noodles	10	48	5,615	270	172
Tunalike fish (bonito)	4	21-19.5-18	163,355	3,314	2,941
Other fish specialties	15	48	98,923	4,748	2,343
Total fish	--	--	34,919,894	789,495	1,109,970
Shellfish:					
Clams and clam products:					
Whole	3	15	2.088	(2) 31	120
Minced	12	15	515,092	(2) 7,726	14,695
Chowder	12	30	1,618,145	(2) 48,544	22,903
Juice	11	30	270,714	(2) 8,121	1,580
Total	(1) 19	--	2,406,039	(2) 64,422	39,298
Specialties	12	48	113,589	5,452	5,634
Crabs:					
Natural	13	19.5	182,283	3,555	13,331
Specialties	5	48	6,273	301	228
Lobster meat and specialties	3	48	3,798	182	192
Oysters:					
Natural	10	7	165,577	(3) 1,159	2,548
Specialties	9	48	253,506	12,168	7,356
Shrimp:					
Natural	23	6.75	2,966,095	(3) 20,021	48,815
Specialties	8	48	34,466	1,654	1,382
Squid	8	48	151,333	7,264	1,725
Other shellfish specialties	6	48	30,167	1,448	1,259
Total shellfish	--	--	6,313,126	117,626	121,768
Total for human consumption	--	--	41,233,020	907,121	1,231,738
For animal food and bait:					
Animal food	41	48	13,751,919	660,092	195,839
Salmon eggs for bait	7	48	11,813	567	2,116
Total for animal food and bait	48	48	13,763,732	660,659	197,955
Grand total	(1) 218	--	54,996,752	1,567,780	1,429,693

(1) Exclusive of duplication. (2) "Cut out" or "drained" weight of can contents is given for whole or minced clams, and net contents for other clam products. (3) Drained weight. Note:--Data for Alaska are preliminary. Data for other States are final.

VALUE OF PRODUCTION BY STATE AND PLANT COUNT, 1976

State and number of plants	Standard cases	Thousand dollars
Maine (18)	1,903,295	42,424
Massachusetts (3)	902,574	9,351
New York (7)	306,754	7,596
New Jersey (12)	1,373,145	34,071
Pennsylvania (3) and Delaware (1)	759,067	12,642
Maryland (3)	758,759	27,004
Virginia (3)	93,643	805
North Carolina (3)	24,132	1,182
South Carolina (2) and Florida (1)	90,413	2,853
Louisiana (13)	2,456,323	42,570
Mississippi (7)	3,343,418	26,650
Michigan (2), Illinois (1), and Kansas (1)	589,669	3,313
Wisconsin (3)	940,935	10,384
Alaska (61)	3,747,502	214,169
California (17)	19,139,118	475,595
Oregon (11)	1,341,608	38,258
Washington (38)	1,081,515	33,816
Puerto Rico (5)	13,339,481	361,183
Hawaii (1) and American Samoa (2)	2,805,401	85,827
Total (218)	54,996,752	1,429,693

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

Products	1941	1942	1943	1944 to 1947	1948 to 1951
	Pounds per case				
Sardines:					
Maine	25	20.3	20.3	20.3	20.3
Pacific	48	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	22.5	22.5	21	21
Chunks	–	–	–	(1)	(1)
Flakes	21	18	18	18	18
Mackerel	48	45	45	45	45
Alewives	48	48	45	45	45
Anchovies	48	48	48	48	48
Shad	48	48	48	45	45
Fish flakes	48	48	48	42	42
Oysters	15	15	22.5	22.5	14
Shrimp, wet pack	17.25	21	21	21	15
Clam products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et al.	30	30	30	30	30
Crabs	39	39	39	39	19.5
All other	48	48	48	48	48

Products	1952	1953 to 1957	1958 to 1964	1965 to 1969	1970 to 1976
	Pounds per case				
Sardines:					
Maine	20.3	20.3	23.4	23.4	23.4
Pacific	45	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	21	21	21	21
Chunks	19.5	19.5	19.5	19.5	19.5
Flakes	18	18	18	18	18
Mackerel	45	45	45	45	45
Alewives	45	45	45	45	45
Anchovies	48	31.25	31.25	31.25	31.25
Shad	45	45	45	45	45
Fish flakes	42	48	48	48	48
Oysters	14	14	14	14	7
Shrimp, wet pack	15	15	15	6.75	6.75
Clam products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et al.	30	30	30	30	30
Crabs	19.5	19.5	19.5	19.5	19.5
All other	48	48	48	48	48

(1) Prior to 1952 chunk pack tuna was included with the flake pack.

Note:--The factors listed above were used in converting standard cases reported in the "Canned Fishery Products" bulletins for the years indicated.

PACK OF SALMON, BY STATES, 1976

Species	Alaska		Washington	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	12,718	995	7,578	729
Chum or keta	330,561	19,381	8,855	521
Pink	1,211,391	81,199	7,628	516
Red or sockeye	935,160	87,114	89,224	10,190
Silver or coho	27,372	2,056	22,233	1,990
Total	2,517,202	190,745	135,518	13,946

Species	Oregon		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	(1) 2,552	(1) 293	22,848	2,017
Chum or keta	–	–	339,416	19,902
Pink	–	–	1,219,019	81,715
Red or sockeye	–	–	1,024,384	97,304
Silver or coho	3,298	334	52,903	4,380
Total	5,850	627	2,658,570	205,318

(1) Includes a small pack produced in California.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight. Salmon were canned in 50 plants in Alaska, 22 plants in Washington, 6 plants in Oregon, and 1 plant in California.

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1976

Species	Puget Sound		Columbia River		Coastal		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	4,682	482	4,792	477	(1) 656	(1) 63	10,130	1,022
Chum or keta	8,855	521	–	–	(2)	(2)	8,855	521
Pink	7,628	516	–	–	–	–	7,628	516
Red or sockeye	89,224	10,190	(2)	(2)	–	–	89,224	10,190
Silver or coho	20,894	1,865	3,790	378	847	81	25,531	2,324
Total	131,283	13,574	8,582	855	1,503	144	141,368	14,573

(1) Includes a small pack produced in California. (2) Included with Puget Sound pack.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PUGET SOUND SALMON PACK, 1976

Species	Local fish	Alaskan fish	Total
	Standard cases		
Chinook or king	4,668	14	4,682
Chum or keta	8,273	582	8,855
Pink	1,466	6,162	7,628
Red or sockeye	82,435	6,789	89,224
Silver or coho	20,558	336	20,894
Total	117,400	13,883	131,283

Note:--Includes a small pack of chum and red produced by Columbia river canneries. "Standard cases" represent the various size cases converted to equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF MISCELLANEOUS SALMON PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Smoked	2,119	465	Alaska (7), Oregon (5), and Washington (11)
Spreads, in sauces and smoked paste	506	36	Maine (1), Michigan (1), Oregon (1), and Washington (2)
Total	2,625	501	

Note--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF TUNA, 1976

Species	Continental United States		Hawaii, American Samoa, and Puerto Rico		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Albacore:						
Solid pack	2,056,861	76,981	2,700,229	95,699	4,757,090	172,680
Chunks	292,834	10,519	657,634	24,270	950,468	34,789
Flakes and grated	138,879	2,861	119,236	2,539	258,115	5,400
Total	2,488,574	90,361	3,477,099	122,508	5,965,673	212,869
Lightmeat:						
Solid pack	866,446	23,660	629,476	17,023	1,495,922	40,683
Chunks	12,260,798	323,386	10,089,512	266,434	22,350,310	589,820
Flakes and grated	305,472	6,091	187,112	4,000	492,584	10,091
Total	13,432,716	353,137	10,906,100	287,457	24,338,816	640,594
Grand total	15,921,290	443,498	14,383,199	409,965	30,304,489	853,463

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6½ oz net weight of chunks, and 6 oz net weight of flakes grated. The pack of dietetic tuna is included in these totals. Tuna were canned in 10 plants in California; 8 plants in Washington, 5 plants each in Oregon and Puerto Rico; 2 plants in American Samoa, and 1 plant each in Maryland and Hawaii.

PACK OF TUNA, BY CAN SIZE, 1976

Can and case sizes	Actual cases	Thousand dollars
4-pound..... (12 cans)	835,775	48,794
1-pound..... (48 cans)	2,121,662	119,551
1/2-pound..... (48 cans)	20,949,898	573,441
1/4-pound..... (48 cans)	1,706,971	32,221
9-1/4-ounces....(24 cans)	155,143	2,830
Other sizes	(1) 2,676,880	76,626
Total	28,446,331	853,463

(1) Converted to standard cases, mostly (307x207 can size).

PACK OF MISCELLANEOUS TUNA PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Smoked, spreads, and with noodles	5,615	172	California (2), Oregon (2), Pennsylvainia (1), and Washington (5)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF TUNALIKE FISH, 1976

Species	Standard cases	Thousand dollars
Bonito, solid pack, chunk, flakes, and grated	163,355	2,941

Note:--"Standard cases" represent the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6-½ oz net weight of chunks, and 6 oz net weight of flakes and grated. Tunalike fish were canned in 4 plants in California.

PACK OF MAINE SARDINES, 1976

Style of pack	Standard cases	Thousand dollars
In soybean oil	887,149	20,873
In tomato sauce	51,155	765
In mustard sauce and with chili peppers	128,842	2,840
Total	1,067,146	24,478

Note:--"Standard cases" represent the various size cases converted to the uniform basis of 100 no. ¼ oil cans (3-¾ oz net) to the case. Sardines were canned in 16 plants in Maine.

PACK OF MISCELLANEOUS HERRING PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Spreads and tid bits	138,859	6,473	Maine (13)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF ALEWIVES, 1976

State and number of plants	Standard cases	Thousand pounds
North Carolina (2) and Virginia (1)	4,315	98

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 15 oz net weight.

PACK OF JACK MACKEREL, 1976

State and number of plants	Standard cases	Thousand pounds
California (4)	147,629	2,085

Note--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 15 oz net weight.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1976

State and number of plants	Standard cases	Thousand pounds
Massachusetts (2) and New Jersey (1)	949,761	9,904
Pennsylvania (2), Maryland (1), and Virginia (1)	190,404	2,741
Louisiana (1) and Mississippi (3)	4,031,950	34,668
Illinois (1), Kansas (1), Michigan (1), and Wisconsin (2)	1,527,079	13,555
California (9)	4,405,066	83,330
Oregon (4)	350,806	5,351
Washington (4)	538,498	9,320
Puerto Rico (5)	1,487,704	30,145
American Samoa (2) and Hawaii (1)	270,651	6,825
Total (41)	13,751,919	195,839

Note:--Each standard case contains 10 or more pounds of fish. An additional pack of 4,804,942 standard cases valued at $32,660,832 had less than 10 lb of fish per case, and is not included in the above pack. "Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF FISH ROE AND CAVIAR, 1976

Product and number of plants	Standard cases	Thousand dollars	State and number of plants
Alewife roe (4)	4,796	249	North Carolina (2) and Virginia (2)
Salmon caviar (3)	981	553	New York (3)
Sturgeon caviar (3)	1,160	1,665	New York (3)
Whitefish caviar (4)	3,774	417	New York (3) and Wisconsin (1)
Lumpfish caviar (2), shad roe (1), and unclassified roe (1)	6,633	631	New Jersey (1), New York (2), and Washington (1)
Total, exclusive of duplication (10)	17,344	3,515	
Salmon eggs for bait (7)	11,813	2,116	Washington (7)
Grand total (17)	29,157	5,631	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1976

State and number of plants	Standard cases	Thousand dollars
New York (3)	10,113	3,119
North Carolina (2) and New Jersey (1)	6,011	292
Virginia (2) and Wisconsin (1)	1,213	103
Washington (8)	11,820	2,117
Total (17)	29,157	5,631

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF MISCELLANEOUS FISH PRODUCTS, 1976

Product	Standard cases	Thousand dollars	State and number of plants
Anchovy paste	3,837	192	Michigan (1) and New York (2)
Gefiltefish	306,215	8,234	New Jersey (3) and New York (1)
Sturgeon, smoked	972	157	Oregon (4) and Washington (7)
Anchovies, catfish, cod, haddock, lake trout, shad, wahoo, whitefish, and unclassified fish, all the forgoing in various styles including, natural pack, bites cakes, chowders, flakes, smoked, stews, et al.	98,923	2,343	California (1), Maine (2), Massachusetts (1), Michigan (1), New Jersey (5), Oregon (1), South Carolina (1), Washington (1), and American Samoa (2)
Total	409,947	10,926	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF CLAMS AND CLAM PRODUCTS, 1976

Species	Whole and minced		Chowder and juice		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Hard, soft, surf, razor, and geoduck	517,180	14,815	1,888,859	24,483	2,406,039	39,298

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. 1 picnic cans, each can of whole or minced clams containing 5 oz of meat, drained weight, and each can of chowder, juice, broth, nectar, 10 oz net contents. The pack of clams in the shell is not included. Clams were canned in 6 plants in New Jersey, 3 plants in Washington, 2 plants each in Delaware, Maine, and New York, 1 Plant each in Maryland, Oregon, Pennsylvania, and South Carolina.

CLAM PRODUCTION, BY TYPE OF PACK, 1976

Production and number of plants	Standard cases	Thousand pounds	Thousand dollars
Whole (3)	2,088	31	120
Minced (12)	515,092	7,726	14,695
Chowder (12)	1,618,145	48,544	22,903
Juice (includes broth, juice, and nectar) (11)	270,714	8,121	1,580
Total, exclusive of duplication (19)	2,406,039	64,422	39,298

PACK OF MISCELLANEOUS CLAM PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, consommes, dips, in shell, sauces, smoked, spreads, and stew bases	113,589	5,634	Delaware (1), Maine (1), Maryland (1), Michigan (1), New Jersey (4), Oregon (1), and Washington (3)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF CRAB MEAT, 1976

Species	Standard cases	Thousand dollars	Location and number of plants
Blue and rock	49,582	2,698	Maine (1), North Carolina (1), South Carolina (1), and Mississippi (1)
Dungeness	2,601	243	Washington (3)
King	60,100	5,490	Alaska (3)
Snow	70,000	4,900	Alaska (6)
Total	132,701	10,633	
Grand total	182,283	13,331	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 6-½ oz net weight.

PACK OF CRAB SPECIALTIES, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, deviled, dips, smoked, soups, and spreads	6,273	228	Maine (1), Michigan (1), New Jersey (1), South Carolina (1), and Washington (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 to the case, each containing 16 oz net weight.

NATURAL PACK OF OYSTERS, 1976

State and number of plants	Standard cases	Thousand dollars
Louisiana (3), Mississippi (4), South Carolina (2), and Washington (1)	165,577	2,548

Note:--"Standard cases" represent the various size cases converted to the equivalent of 24 cans to the case, each containing 4-2/3 oz net weight of oyster meats.

PACK OF OYSTER SPECIALTIES, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, smoked, stews, and stew bases	233,506	7,356	Maine (1), New Jersey (2), South Carolina (2), and Washington (4)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

NATURAL PACK OF SHRIMP, 1976

State and number of plants	Standard cases	Thousand dollars
Gulf States:		
Louisiana (11)	1,443,275	27,438
Mississippi (5)	207,510	5,168
Total (16)	1,650,785	32,606
Pacific States:		
Alaska (2)	1,100,000	13,000
Oregon (3) and Washington (2)	215,310	3,209
Total (7)	1,315,310	16,209
Grand total (23)	2,966,095	48,815

Note:--"Standard cases" represent the various size cases converted to the equivalent of 24 cans to the case, each containing 4-½ oz of shrimp meats drained weight.

PACK OF MISCELLANEOUS SHRIMP PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, chowders, dips, in sauces, pickled, pastes, spreads, and soup	34,466	1,382	Maine (2), Michigan (1), New Jersey (3), Oregon (1), and South Carolinia (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF MISCELLANEOUS SHELLFISH PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Northern lobster, bisques, dips, deviled, newburgs, in sauces, meat, and spreads	3,798	192	Maine (1), Michigan (1), and New Jersey (1)
Squid	151,333	1,725	California (6), New Jersey (1), and New York (1)
Unclassified, abalone, conchs, turtle, and spiny lobster, all the forgoing in various styles including, natural pack, chowders in sauces or soups	30,167	1,259	California (1), Florida (1), New Jersey (3), and New York (1)
Total	185,298	3,176	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF CANNED FISHERY PRODUCTS, 1963 – 1976

Year	Alewives		Mackerel		Sardines, Maine	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963 . . .	93,933	375	1,275,452	7,603	1,619,235	13,244
1964 . . .	74,581	300	1,079,823	6,760	865,751	7,584
1965 . . .	66,942	271	703,447	4,997	1,266,903	10,868
1966 . . .	98,816	395	412,776	3,346	1,332,544	12,262
1967 . . .	109,929	506	282,958	2,363	1,250,411	13,862
1968 . . .	75,768	449	495,424	4,098	1,730,306	19,297
1969 . . .	62,260	368	385,646	3,317	1,042,806	11,512
1970 . . .	22,538	134	188,609	1,534	806,501	11,227
1971 . . .	45,497	378	367,043	3,076	950,821	10,856
1972 . . .	12,734	121	305,847	2,618	1,561,535	23,877
1973 . . .	1,635	18	63,365	540	995,056	15,688
1974 . . .	7,560	138	83,975	921	920,511	21,745
1975 . . .	4,390	86	216,411	2,614	1,111,468	24,917
1976 . . .	4,315	98	147,629	2,085	1,067,146	24,478

Year	Salmon					
	Washington and Oregon		Alaska		Total salmon	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963 . . .	639,378	20,529	2,655,479	67,434	3,294,857	87,963
1964 . . .	209,819	8,231	3,549,379	87,530	3,759,198	95,761
1965 . . .	365,679	15,036	3,267,935	107,708	3,633,614	122,744
1966 . . .	367,090	15,529	3,990,425	120,547	4,357,515	136,075
1967 . . .	608,339	24,040	1,464,006	52,082	2,072,345	76,121
1968 . . .	209,717	8,634	3,237,982	109,381	3,447,699	118,015
1969 . . .	267,753	12,551	2,283,168	77,735	2,550,921	90,286
1970 . . .	257,692	14,096	3,564,508	124,578	3,822,200	138,673
1971 . . .	610,398	29,841	2,899,011	107,981	3,509,409	137,822
1972 . . .	298,678	15,115	1,635,867	72,255	1,934,545	87,370
1973 . . .	285,502	24,688	1,209,755	86,417	1,495,257	111,105
1974 . . .	485,718	38,145	1,343,254	98,860	1,828,972	137,005
1975 . . .	171,330	14,990	1,455,455	100,302	1,626,785	115,292
1976 . . .	141,368	14,573	2,517,202	190,745	2,658,570	205,318

Year	Tuna		Tunalike fishes		Edible roe and caviar	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963 . . .	16,555,820	201,588	71,541	570	53,598	2,102
1964 . . .	17,689,003	217,585	24,674	177	66,390	2,764
1965 . . .	18,098,804	232,976	48,253	394	57,052	2,646
1966 . . .	19,953,567	270,239	229,014	1,829	47,994	3,437
1967 . . .	19,681,636	261,527	311,346	2,528	53,352	3,474
1968 . . .	20,011,690	268,731	214,716	1,837	42,160	4,470
1969 . . .	20,097,639	297,456	252,548	2,180	37,997	4,239
1970 . . .	22,063,340	380,574	139,541	1,450	23,457	4,096
1971 . . .	22,204,973	413,236	285,027	3,316	32,660	4,604
1972 . . .	31,210,102	633,313	336,795	4,150	26,587	2,974
1973 . . .	32,105,591	704,753	534,309	7,003	184,890	7,183
1974 . . .	33,363,933	823,893	393,522	5,726	22,202	3,893
1975 . . .	26,801,651	652,635	660,537	10,067	29,504	3,892
1976 . . .	30,304,489	853,463	163,355	2,941	17,344	3,515

(Continued on next page)

PACK OF CANNED FISHERY PRODUCTS, 1963 — 1976 - Continued

Year	Whole and minced		Clam products, chowder, juice, broth, et al.		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963	548,348	6,374	1,683,877	11,075	2,232,225	17,449
1964	578,569	6,694	1,722,318	11,263	2,300,887	17,957
1965	611,682	7,028	1,947,237	11,069	2,558,919	18,097
1966	586,915	7.254	2,033,032	13,871	2,619,947	21,125
1967	689,131	8,951	1,846,813	12,774	2,535,944	21,726
1968	507,752	6,725	1,807,132	13,718	2,314,884	20,444
1969	432,113	6,958	1,881,363	15,088	2,313,476	22,045
1970	580,239	10,242	1,892,974	15,419	2,473,213	25,661
1971	634,451	9,796	2,048,701	16,548	2,683,152	26,344
1972	703,819	9,274	2,161,426	17,989	2,865,245	27,263
1973	924,748	14,725	2,563,287	23,377	3,488,035	38,103
1974	886,658	16,949	2,499,206	26,157	3,385,864	43,106
1975	903,758	17,855	2,080,526	23,918	2,984,284	41,773
1976	517,180	14,815	1,888,859	24,483	2,406,039	39,298

Year	Crab meat, natural		Oysters, natural		Shrimp, natural	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963	377,255	10,322	892,688	5,633	2,356,216	19,531
1964	336,793	8,636	844,522	5,292	1,442,960	12,986
1965	468,656	14,739	576,100	3,701	2,315,448	20,655
1966	564,198	16,444	400,000	3,201	2,103,925	21,973
1967	497,782	16,117	660,374	6,152	2,496,427	24,332
1968	206,099	8,977	650,962	5,624	2,809,965	29,444
1969	257,784	14,331	285,696	2,164	3,071,021	27,730
1970	261,410	10,489	271,968	2,102	3,722,253	37,277
1971	164,770	7,029	483,812	4,814	3,310,385	33,648
1972	128,855	7,008	399,679	4,292	3,525,186	38,713
1973	190,949	13,833	294,054	3,688	3,737,424	55,234
1974	223,472	13,564	282,676	3,266	3,277,192	44,370
1975	168,369	10,078	343,084	4,065	1,838,062	27,650
1976	182,283	13,331	165,577	2,548	2,966,095	48,815

Year	Other edible fish and shellfish	Animal food		Eggs for bait	Total
	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1963	14,949	6,378,936	39,042	16,321	1,236	421,607
1964	15,225	7,341,670	43,471	21,906	2,163	436,660
1965	14,745	7,736,565	46,848	15,749	1,550	495,231
1966	17,514	7,596,229	54,614	11,637	1,254	563,708
1967	17,001	10,397,898	78,256	11,542	1,597	525,563
1968	17,901	10,088,424	82,504	14,146	2,116	583,908
1969	17,430	9,402,632	80,618	12,907	1,856	575,533
1970	19,409	11,243,806	105,232	21,040	3,904	741,760
1971	21,116	10,666,923	101,511	12,009	2,848	770,597
1972	21,796	13,877,134	139,180	10,336	2,247	994,922
1973	39,154	14,496,561	167,308	10,884	3,550	1,167,160
1974	29,789	12,297,427	174,614	10,354	3,817	1,305,847
1975	26,625	12,149,662	147,826	11,805	4,427	1,071,945
1976	35,848	13,751,919	195,839	11,813	2,116	1,429,693

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